

## **EXHIBIT 3**

**Infringement Analysis of U.S. Patent Nos. 9,480,836 by SHEnB Co. Ltd. and/or Cartessa Aesthetics, LLC**  
**(Based on Public Information Only)**

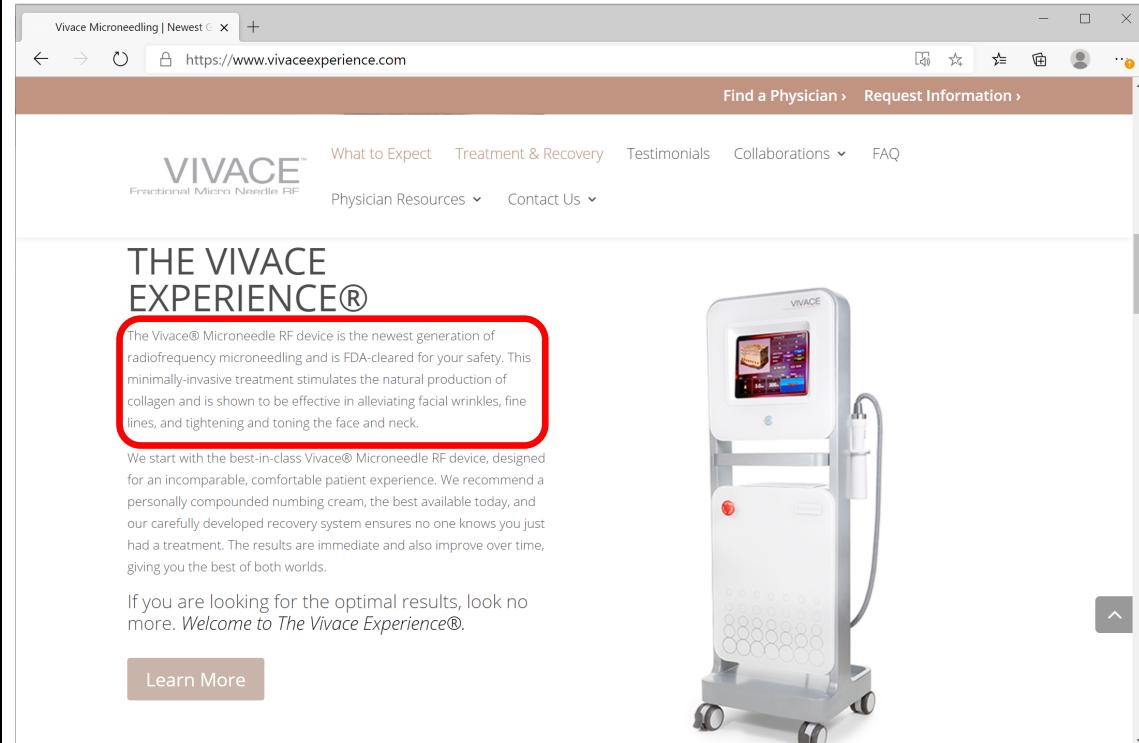
SynKloud Technologies, LLC (“SynKloud”) provides this preliminary and exemplary infringement analysis with respect to infringement of U.S. Patent No. 9,480,836, entitled “Skin Treatment Apparatus and Method” (hereinafter “the ‘836 patent”) by SHEnB Co. Ltd. (“SHEnB”) and/or Cartessa Aesthetics, LLC (“Cartessa”). The following chart illustrates an exemplary analysis regarding infringement by Cartessa’s radio frequency microneedling products, including, but not limited to Vivace (the “Accused Instrumentalities”).

The analysis set forth below is based only upon information from publicly available resources regarding the Accused Instrumentalities, as neither SHEnB nor Cartessa have provided any non-public information.

Unless otherwise noted, SynKloud contends that SHEnB and/or Cartessa directly infringes the ‘836 patent in violation of 35 U.S.C. § 271(a) by selling, offering to sell, making, using, and/or importing the Accused Instrumentalities. The following exemplary analysis demonstrates that infringement. Unless otherwise noted, SynKloud further contends that the evidence below supports a finding of indirect infringement under 35 U.S.C. §§ 271(b) and/or (c), in conjunction with other evidence of liability under one or more of those subsections.

Unless otherwise noted, SynKloud believes and contends that each element of each claim asserted herein is literally met through SHEnB and/or Cartessa’s provision of the Accused Instrumentalities. However, to the extent that SHEnB and/or Cartessa attempt to allege that any asserted claim element is not literally met, SynKloud believes and contends that such elements are met under the doctrine of equivalents. More specifically, in its investigation and analysis of the Accused Instrumentalities, SynKloud did not identify any substantial differences between the elements of the patent claims and the corresponding features of the Accused Instrumentalities, as set forth herein. In each instance, the identified feature of the Accused Instrumentalities performs at least substantially the same function in substantially the same way to achieve substantially the same result as the corresponding claim element.

To the extent the chart of an asserted claim relies on evidence about certain specifically-identified Accused Instrumentalities, SynKloud asserts that, on information and belief, any similarly-functioning instrumentalities also infringe the charted claims. SynKloud notes that the present claim chart and analysis are necessarily preliminary in that SynKloud has not obtained substantial discovery from SHEnB and/or Cartessa nor has SHEnB and/or Cartessa disclosed any detailed analysis for their non-infringement positions, if any. Further, SynKloud does not have the benefit of claim construction or expert discovery. SynKloud reserves the right to supplement and/or amend the positions taken in this preliminary and exemplary infringement analysis, including with respect to literal infringement and infringement under the doctrine of equivalents, if and when warranted by further information obtained by SynKloud, including but not limited to information adduced through information exchanges between the parties, fact discovery, claim construction, expert discovery, and/or further analysis.

Claim 1	Vivace
1. A skin treatment apparatus, comprising:	<p>The Vivace Fractional Microneedle RF (“Vivace”) device manufactured by SHEnB and sold by Cartessa comprises skin treatment apparatus.</p>  <p>The screenshot shows a computer browser displaying the Vivace website at https://www.vivaceexperience.com. The page features a navigation bar with links for "Find a Physician", "Request Information", "What to Expect", "Treatment &amp; Recovery", "Testimonials", "Collaborations", "FAQ", "Physician Resources", and "Contact Us". The main content area is titled "THE VIVACE EXPERIENCE®". It includes a paragraph describing the device as the newest generation of radiofrequency microneedling, FDA-cleared, and effective for wrinkles, fine lines, and tightening. This paragraph is highlighted with a red rectangular box. Below this, there is a larger text block about the patient experience, a "Learn More" button, and a photograph of the Vivace machine, which is a white, rectangular device with a control panel and a cooling fan at the bottom. To the right of the machine is a vertical scroll bar.</p>
a plurality of electrodes, the electrodes being bipolar and	The Vivace device comprises a plurality of electrodes, the electrodes being bipolar and configured to be insertable into skin to be treated.

configured to be insertable into skin to be treated; and

The Vivace device comprises a plurality of electrodes.

### • Distinction of VIVACE

- Micro-needle electrodes deliver RF energy directly into the dermis  
Thermal injury induces the production of new collagen and elastin
- Minimally invasive dermal volumetric rejuvenation system  
less pain & down time and quick results
- Special golden & partly insulated Micro-needle target the dermis  
without epidermal injury
- Precise 1MHz / 2 MHz RF makes dramatic effect
- Softly inserting Micro memory motor needling reduce pain & adverse effect
- Well organized controls for the various skin conditions  
- Save Program for easy use
- Red & Blue Light emitting diode(LED) lights help skin activity and acne improvement
- User friendly and safe Single use cartridge

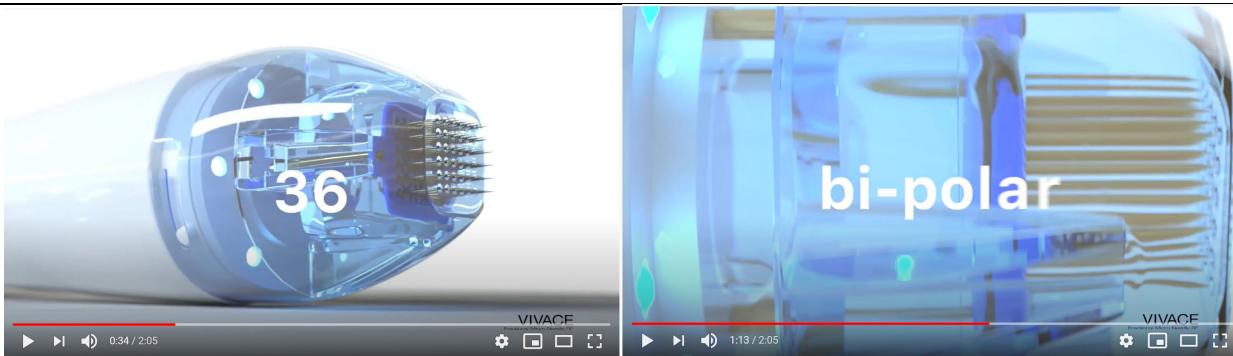
### Accessory introduction

- 36 gold coated micro-needles
- Step-Motor System
- User Friendly ergonomic & lighter applicator
- Touch screen
- Save programs
- Hand & Foot Dual Switch
- Level 1-9 / Depth 0.5-3.5mm



Source: <https://ls-aesthetics.com/products/vivace/> (accessed 7/26/2021)

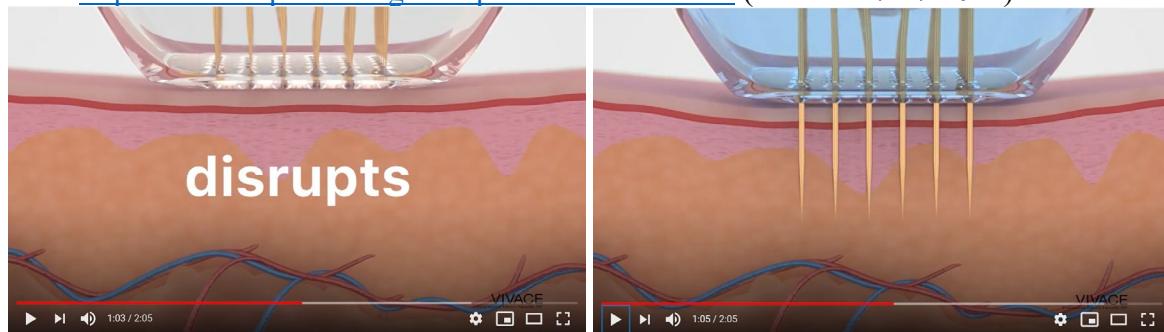
The microneedle electrodes are bipolar and are configured to be inserted into the skin.



Source: <https://www.youtube.com/watch?v=Qa4x9HKIk4M> at 0:34, 1:13 (accessed 7/27/2021)

Since Micro-needle are insulated except the edge part (0.3mm) Micro-needle of electrodes of Vivace deliver RF bi-polar energy directly into the dermis without causing damage to the epidermis. Minimally invasive RF thermal energy produces fractional electrocoagulation in the dermis, thus boosts a natural Wound Healing Process. WHM promotes the remodeling of collagen, elastin and wound tightening, which enhances skin rejuvenation.

Source: <http://www.lesprittrading.com/product-vivace.html> (accessed 7/27/2021)



Source: <https://www.youtube.com/watch?v=Qa4x9HKIk4M> at 1:03-1:05 (accessed 7/27/2021)

a radio frequency (RF) generation module, the RF generation module electrically coupled to the plurality of electrodes and configured to provide an Alternating Current (AC) RF signal to the plurality of electrodes configured to cause coagulation around each electrode rather than coagulating between the electrodes.

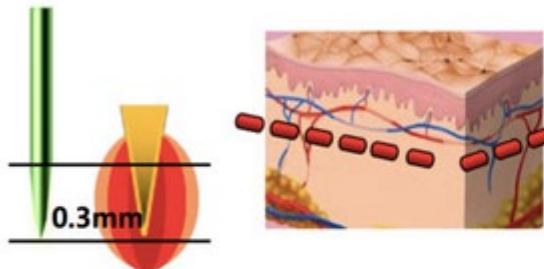
The Vivace device comprises a radio frequency (RF) generation module, the RF generation module electrically coupled to the plurality of electrodes and configured to provide an Alternating Current (AC) RF signal to the plurality of electrodes configured to cause coagulation around each electrode rather than coagulating between the electrodes.



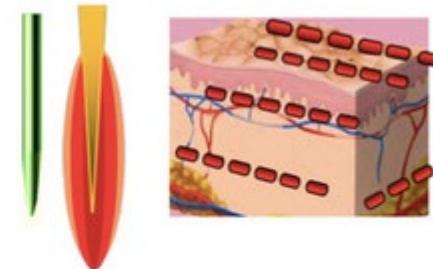
VIVACE SPECIFICATIONS	
Model Name	VIVACE
Power Input	100/230VAC 50/60Hz
Electric Power Consumption	40VA
Dimensions	380 (W) x 1140(H) x 340(L) mm
Weight	27kg
Output Frequency	1MHz/MHz (High Frequency)
Output Power Control	PWM
Interface	10.4inch LCD Touch Screen

Source: <http://www.lesprittrading.com/pdf/Vivace-Brochure.pdf> (accessed 7/27/2021)

The Vivace device is configured to cause coagulation around each electrode rather than coagulating between the electrodes.



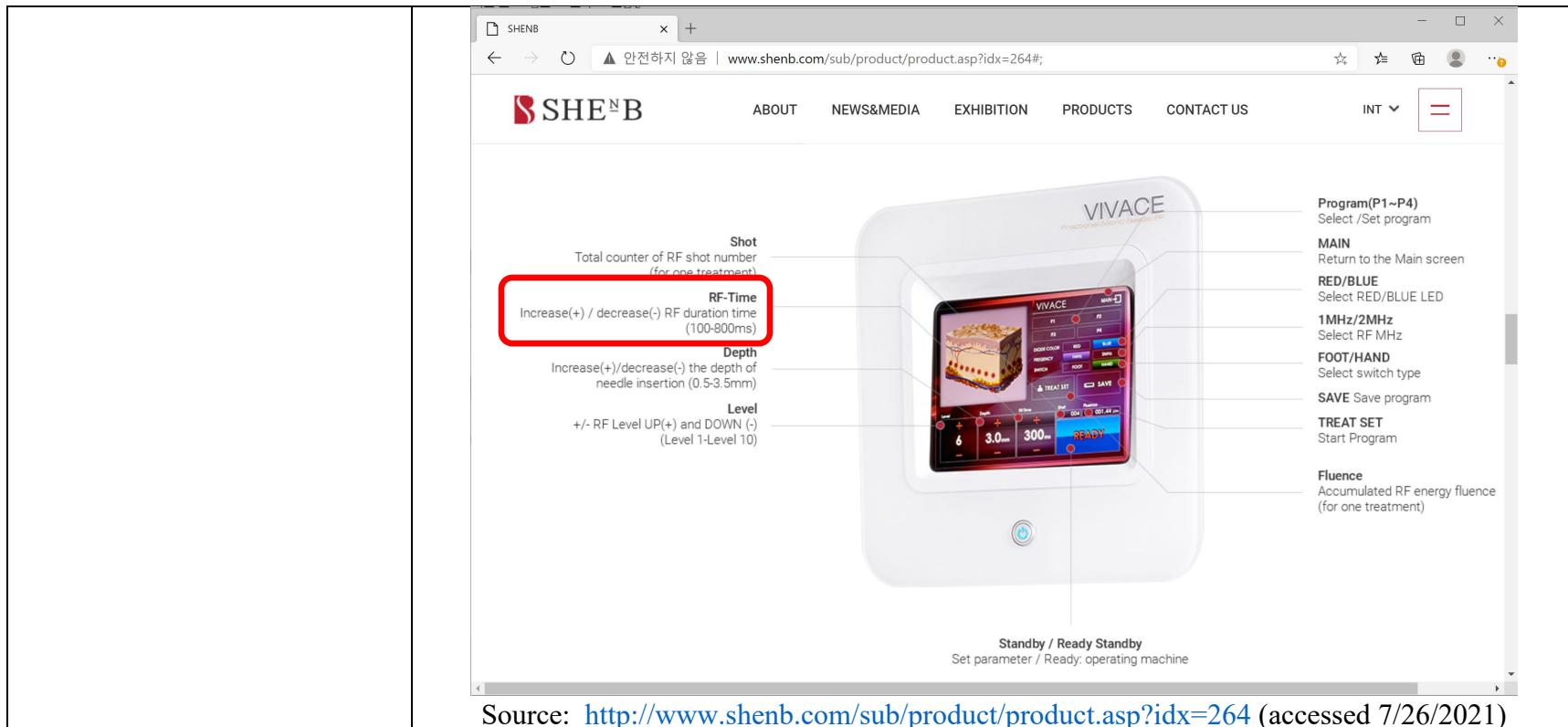
Insulated - RF effect in dermis only, indicated for Skin Tightening

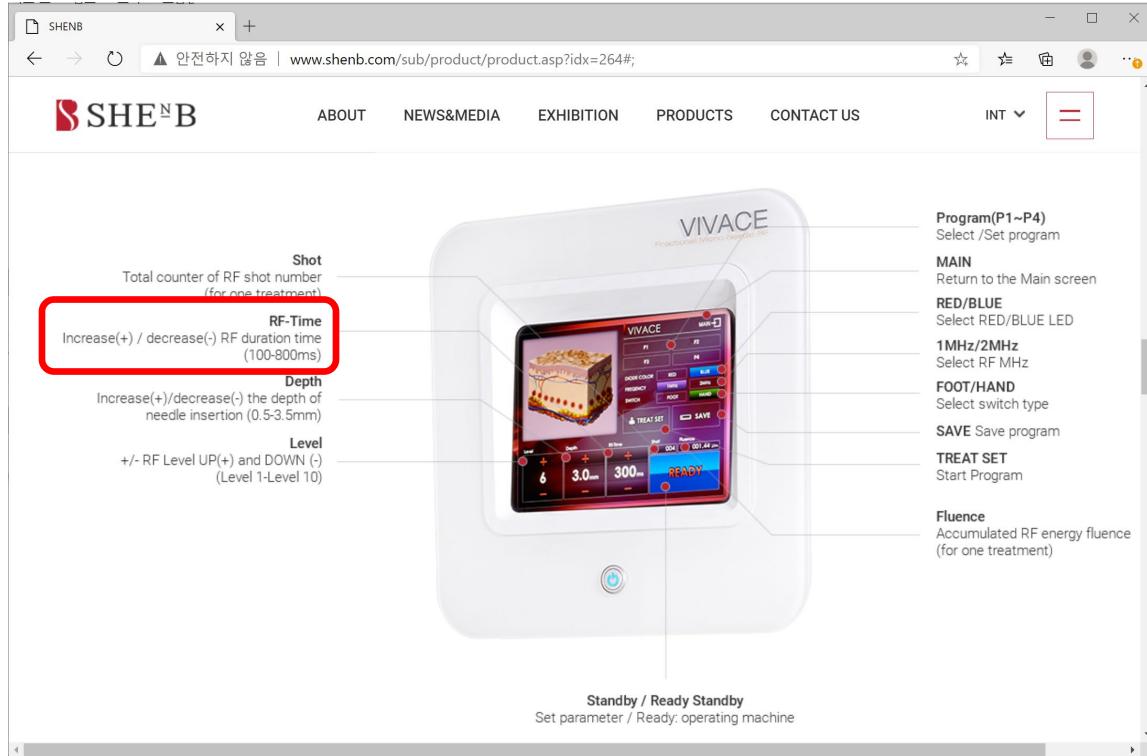


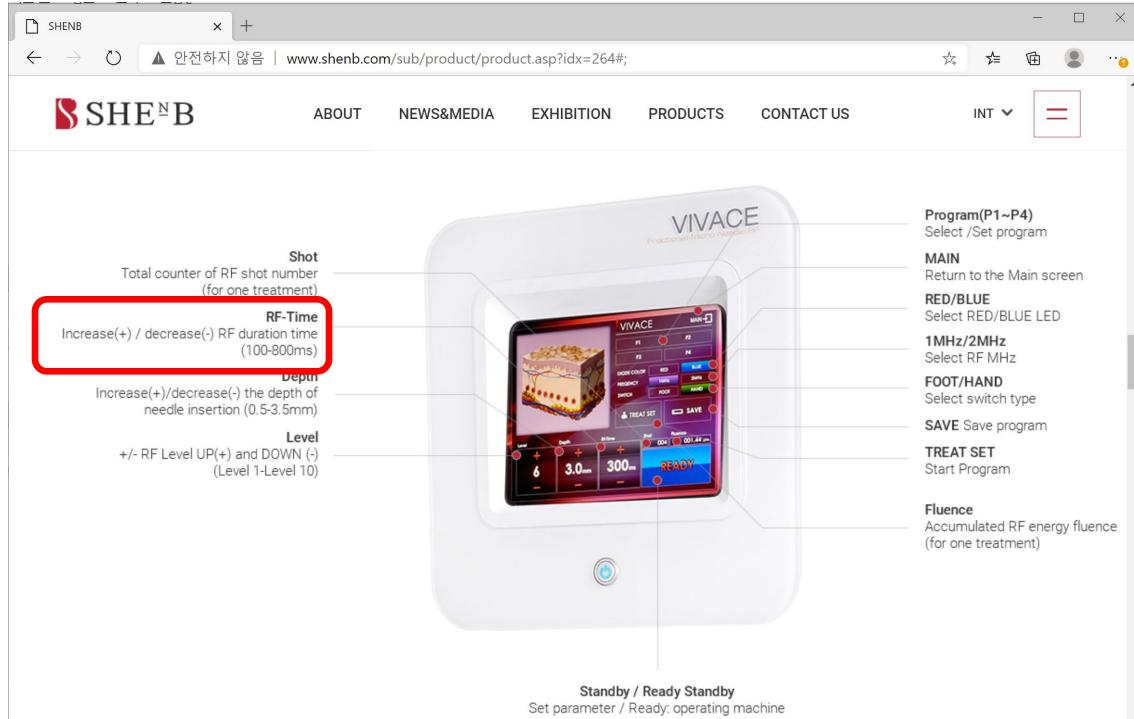
Non - Insulated - RF effect in epidermis and dermis, indicated for Scar & Pore Reduction

Source: <http://www.lesprittrading.com/product-vivace.html> (accessed 7/27/2021)

Claim 2	Vivace																
<p>2. The skin treatment apparatus of claim 1, wherein the RF generation module is configured to provide an AC RF signal to the plurality of electrodes for a predetermined time interval.</p>	<p>The Vivace device comprises the skin treatment apparatus of claim 1, wherein the RF generation module is configured to provide an AC RF signal to the plurality of electrodes for a predetermined time interval.</p>  <div data-bbox="1030 616 1833 1024"> <p style="text-align: center;"><b>VIVACE SPECIFICATIONS</b></p> <table border="0"> <tbody> <tr> <td>Model Name</td> <td>VIVACE</td> </tr> <tr> <td>Power Input</td> <td>100/230VAC 50/60Hz</td> </tr> <tr> <td>Electric Power Consumption</td> <td>40VA</td> </tr> <tr> <td>Dimensions</td> <td>380 (W) x 1140(H) x 340(L) mm</td> </tr> <tr> <td>Weight</td> <td>27kg</td> </tr> <tr> <td>Output Frequency</td> <td>1MHz/MHz (High Frequency)</td> </tr> <tr> <td>Output Power Control</td> <td>PWM</td> </tr> <tr> <td>Interface</td> <td>10.4inch LCD Touch Screen</td> </tr> </tbody> </table> </div> <p>Source: <a href="http://www.lesprittrading.com/pdf/Vivace-Brochure.pdf">http://www.lesprittrading.com/pdf/Vivace-Brochure.pdf</a> (accessed 7/27/2021)</p>	Model Name	VIVACE	Power Input	100/230VAC 50/60Hz	Electric Power Consumption	40VA	Dimensions	380 (W) x 1140(H) x 340(L) mm	Weight	27kg	Output Frequency	1MHz/MHz (High Frequency)	Output Power Control	PWM	Interface	10.4inch LCD Touch Screen
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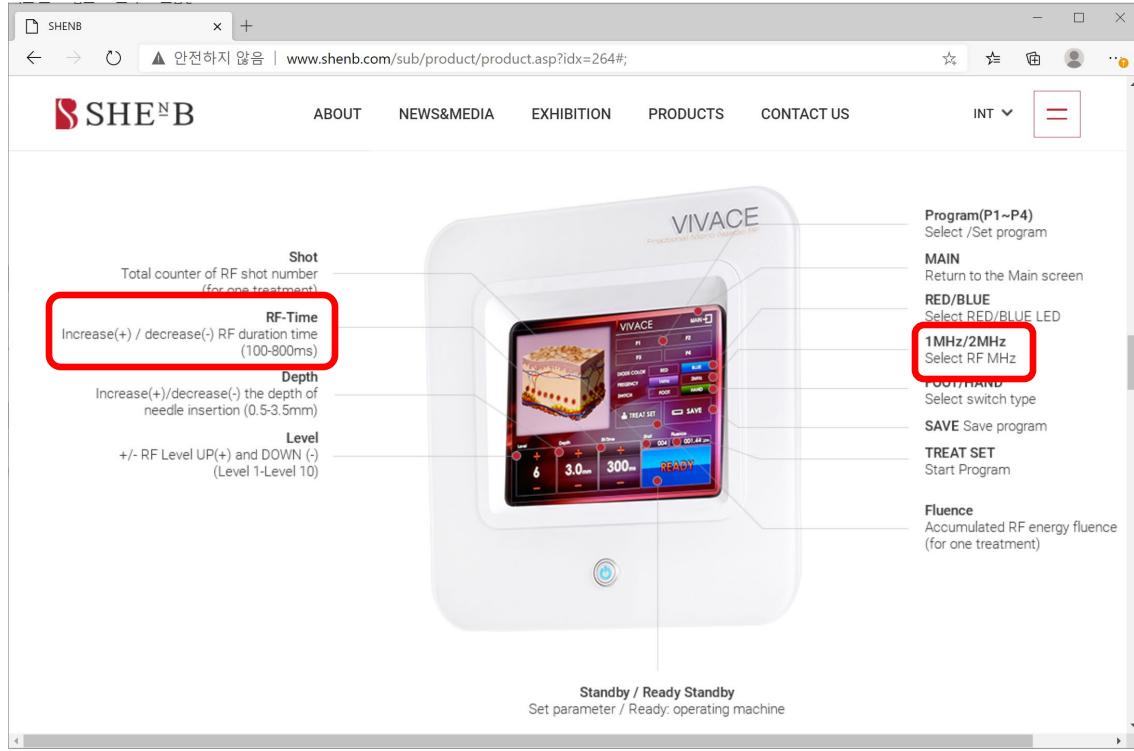


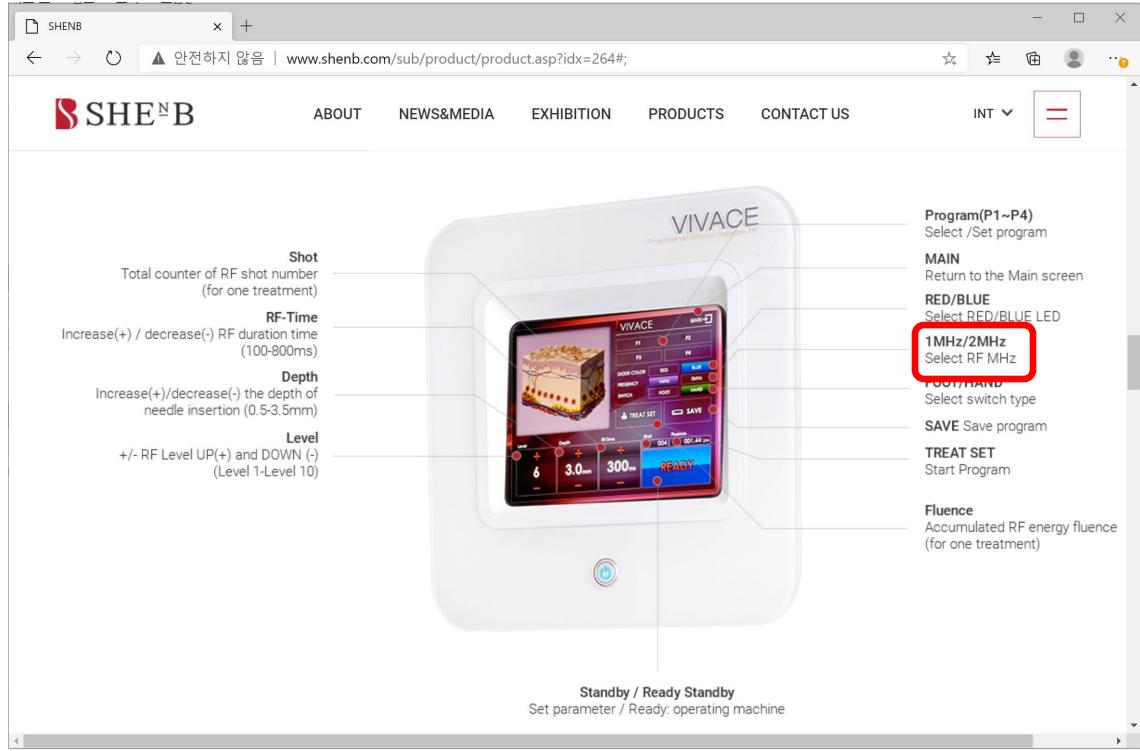
Claim 3	Vivace
3. The skin treatment apparatus of claim 2, wherein the predetermined time interval is from 0.05 to 0.8 seconds.	<p>The Vivace device comprises the skin treatment apparatus of claim 2, wherein the predetermined time interval is from 0.05 to 0.8 seconds.</p>  <p>Source: <a href="http://www.shenb.com/sub/product/product.asp?idx=264">http://www.shenb.com/sub/product/product.asp?idx=264</a> (accessed 7/26/2021)</p>

Claim 4	Vivace
<p>4. The skin treatment apparatus of claim 2, wherein each electrode of the plurality has a length sufficient to reach skin dermis when inserted into skin and the predetermined time interval is from 0.05 to 0.8 seconds.</p>	<p>The Vivace device comprises the skin treatment apparatus of claim 2, wherein each electrode of the plurality has a length sufficient to reach skin dermis when inserted into skin and the predetermined time interval is from 0.05 to 0.8 seconds.</p> 

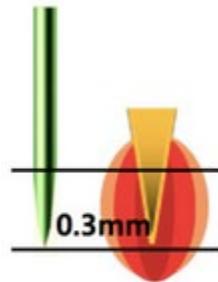
Operational Modes	
LCD touch screen: 10.4 inch	• Dual Mode : 1MHz & 2MHz
Memory function : P1 ~ P4	• Red & Blue LED Diode
RF power level : 1 ~ 10 (30w - 70w)	• Auto mode function
Needle length : 0.5mm ~ 3.5mm Needle length control from 0.5mm to 3.5mm by 0.1mm	• Dual switch by Hand & Foot
Duration time : 100ms ~ 800ms by 100ms	
Source: <a href="http://www.shenb.com/sub/product/product.asp?idx=264">http://www.shenb.com/sub/product/product.asp?idx=264</a> (accessed 7/26/2021)	

Claim 6	Vivace
6. The skin treatment apparatus of claim 4, wherein a section of each electrode of the plurality of electrodes is non-insulated.	<p>The Vivace device comprises the skin treatment apparatus of claim 4, wherein a section of each electrode of the plurality of electrodes is non-insulated.</p> <h2 data-bbox="713 349 1396 393">ACCESSORY INTRODUCTION</h2> <ul data-bbox="747 453 1769 926" style="list-style-type: none"> <li data-bbox="747 453 1769 502">• 36 gold coated micro-needles - Insulated and Non-Insulated</li> <li data-bbox="747 518 1347 567">• Needle Depth: 0.5 mm – 3.5 mm</li> <li data-bbox="747 584 1136 633">• Step-Motor System</li> <li data-bbox="747 649 1537 698">• User-friendly ergonomic &amp; lighter applicator</li> <li data-bbox="747 714 1030 763">• Touch Screen</li> <li data-bbox="747 780 1051 829">• Save Programs</li> <li data-bbox="747 845 1241 894">• Hand &amp; Foot Dual Switch</li> <li data-bbox="747 910 1262 959">• Level 1-9/Depth 0.5-3.5mm</li> </ul> <p data-bbox="747 975 1790 1013">Source: <a href="http://www.lesprittrading.com/product-vivace.html">http://www.lesprittrading.com/product-vivace.html</a> (accessed 7/27/2021)</p> <p data-bbox="910 1013 1227 1046">2. Two Types of Microneedle</p> <div data-bbox="903 1073 1205 1269"> <p data-bbox="903 1073 1058 1106">RF Target Area</p> <p data-bbox="903 1111 994 1139">- Dermis</p>  </div> <div data-bbox="1284 1073 1596 1269"> <p data-bbox="1284 1073 1438 1106">RF Target Area</p> <p data-bbox="1284 1111 1507 1139">- Epidermis &amp; Dermis</p>  </div> <p data-bbox="713 1302 1833 1339">Source: <a href="http://www.lesprittrading.com/pdf/Vivace-Brochure.pdf">http://www.lesprittrading.com/pdf/Vivace-Brochure.pdf</a> (accessed 7/27/2021)</p>

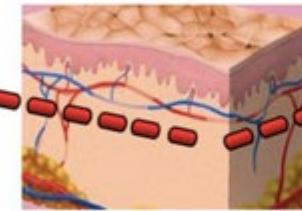
Claim 7	Vivace
7. The skin treatment apparatus of claim 2, wherein the predetermined time interval is from 0.05 to 0.8 seconds and the RF is about 2.0 MHz.	<p>The Vivace device comprises the skin treatment apparatus of claim 2, wherein the predetermined time interval is from 0.05 to 0.8 seconds and the RF is about 2.0 MHz.</p>  <p>Source: <a href="http://www.shenb.com/sub/product/product.asp?idx=264">http://www.shenb.com/sub/product/product.asp?idx=264</a> (accessed 7/26/2021)</p>

Claim 8	Vivace
<p>8. The skin treatment apparatus of claim 1, wherein the RF is about 2.0 MHz and the coagulated area around each electrodes is oval shaped.</p>	<p>The Vivace device comprises the skin treatment apparatus of claim 1, wherein the RF is about 2.0 MHz and the coagulated area around each electrodes is oval shaped.</p>  <p>Source: <a href="http://www.shenb.com/sub/product/product.asp?idx=264">http://www.shenb.com/sub/product/product.asp?idx=264</a> (accessed 7/26/2021)</p>

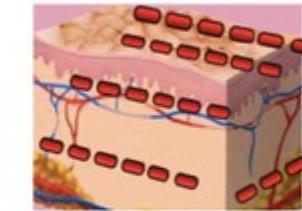
## Provide Insulated and Non-Insulated Needle



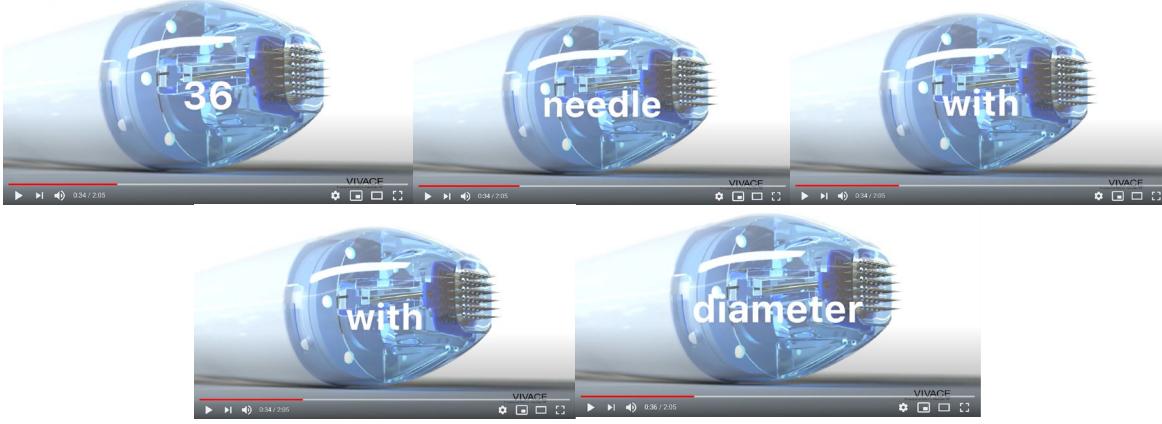
Insulated - RF effect in dermis only, indicated for Skin Tightening

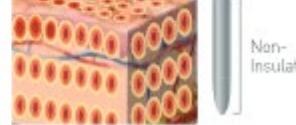


Non - Insulated - RF effect in epidermis and dermis, indicated for Scar & Pore Reduction



Source: <http://www.lesprittrading.com/product-vivace.html> (accessed 7/27/2021)

Claim 9	Vivace
9. The skin treatment apparatus of claim 1, wherein the electrodes are needles and have a diameter from 0.25 mm to 0.3 mm.	<p>The Vivace device comprises the skin treatment apparatus of claim 1, wherein the electrodes are needles and have a diameter from 0.25 mm to 0.3 mm.</p>  <p>Source: <a href="https://www.youtube.com/watch?v=Qa4x9HKIk4M">https://www.youtube.com/watch?v=Qa4x9HKIk4M</a> at 0:33-0:36 (accessed 7/27/2021)</p>

Claim 12	Vivace
12. The skin treatment apparatus of claim 1, wherein the plurality of electrodes are non-insulated.	<p>The Vivace device comprises the skin treatment apparatus of claim 1, wherein the plurality of electrodes are non-insulated.</p> <h2 data-bbox="713 349 1396 393">ACCESSORY INTRODUCTION</h2> <ul data-bbox="747 453 1769 926" style="list-style-type: none"> <li data-bbox="747 453 1769 502">• 36 gold coated micro-needles - Insulated and Non-Insulated</li> <li data-bbox="747 518 1347 567">• Needle Depth: 0.5 mm – 3.5 mm</li> <li data-bbox="747 584 1136 633">• Step-Motor System</li> <li data-bbox="747 649 1537 698">• User-friendly ergonomic &amp; lighter applicator</li> <li data-bbox="747 714 1030 763">• Touch Screen</li> <li data-bbox="747 780 1051 829">• Save Programs</li> <li data-bbox="747 845 1241 894">• Hand &amp; Foot Dual Switch</li> <li data-bbox="747 910 1262 959">• Level 1-9/Depth 0.5-3.5mm</li> </ul> <p data-bbox="747 975 1790 1008">Source: <a href="http://www.lesprittrading.com/product-vivace.html">http://www.lesprittrading.com/product-vivace.html</a> (accessed 7/27/2021)</p> <p data-bbox="910 1013 1227 1046">2. Two Types of Microneedle</p> <div data-bbox="903 1073 1205 1269"> <p data-bbox="903 1073 1058 1106">RF Target Area</p> <p data-bbox="903 1111 994 1139">- Dermis</p>  <p data-bbox="1079 1160 1205 1269">Insulated Non-Insulated</p> </div> <div data-bbox="1284 1073 1600 1269"> <p data-bbox="1284 1073 1438 1106">RF Target Area</p> <p data-bbox="1284 1111 1516 1139">- Epidermis &amp; Dermis</p>  <p data-bbox="1522 1160 1600 1269">Non-Insulated</p> </div> <p data-bbox="646 1302 1755 1334">Source: <a href="http://www.lesprittrading.com/pdf/Vivace-Brochure.pdf">http://www.lesprittrading.com/pdf/Vivace-Brochure.pdf</a> (accessed 7/27/2021)</p>

**Caveat:** The notes and/or cited excerpts utilized herein are set forth for illustrative purposes only and are not meant to be limiting in any manner. Further, to the extent any error(s) and/or omission(s) exist herein, all rights are reserved to correct the same.